NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1.1: Where do data come from?

**Individual =**

**Variable =**

**Population =**

**Sample =**

**Observational Study =**

**Experiment =**

**Census =**

**NAMES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Exercise 1.10 on page 13**

**Directions:**  Complete the exercise below with a partner. Turn in one sheet per group when you are finished.

1. Population =

Sample =

1. Variable =
2. Collection of data: (only 100 words)

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1. Dotplot of data:
2. Write a few sentences describing what the graph tells you. You might describe the shape, center, spread, calculate the average, etc.
3. Now join with another group. Add their data to your plot, but use a different color to signify the different groups.
4. How does the plot differ from before (when it was just your data)? Is this plot more accurate?

**NAMES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Application 1.1, page 19**

**Directions:**  Get out a laptop and log in. Find a partner that is different from the one you used for the Harry Potter activity. Complete the application on this sheet of paper. Turn in one paper per group when finished.

1. Population clocks

(a)

(b)

(c)

1. Census 2000

(a)

(b)

(c)

(d)

1. State and County Quick Facts

(a)

(b)

1. The American Community Survey (ACS)

(a)

(b)

1. Subjects A through Z

(a)

(b)